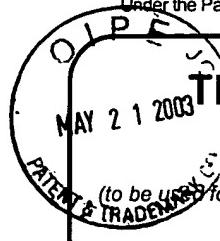


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TRANSMITTAL FORM

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Total Number of Pages in This Submission

5

Application Number	09/381,480
Filing Date	September 16, 1999
First Named Inventor	Chee, M.
Group Art Unit	1634
Examiner Name	Chakrabarti, A.

Attorney Docket Number

018547-030530US

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	1) Return receipt postcard
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	2) Supplementary European Search Report
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s)	3) Two (2) Reference Copies
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430. Total number of pages does not include cited references.	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm and Individual name	Townsend and Townsend and Crew LLP Joe Liebeschuetz	Reg No. 37,505
Signature		
Date	May 19, 2003	

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date:

May 19, 2003

Typed or printed name	Chris Fitting		Date	May 19, 2003
Signature			Date	May 19, 2003

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PA 3306083 v1

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FEET TRANSMITTAL for FY 2002 <i>MAY 21 2003</i> <small>Patent fees are subject to annual revision.</small>		Complete If Known	
		Application Number	09/381,480
		Filing Date	Spetember 16, 2999
		First Named Inventor	Chee, M.
		Examiner Name	Chakrabarti, A.
		Group Art Unit	1634
		Attorney Docket No.	018547-030530US

TOTAL AMOUNT OF PAYMENT (\$ 180		METHOD OF PAYMENT (check all that apply)																																																																																																																																	
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The Commissioner is authorized to: (check all that apply) <input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.		3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>Fee Code</td><td>Fee Code</td><td>Fee Code</td><td>Fee</td></tr> <tr><td>105</td><td>130</td><td>205</td><td>65</td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td></tr> <tr><td>117</td><td>920</td><td>217</td><td>460</td></tr> <tr><td>118</td><td>1,440</td><td>218</td><td>720</td></tr> <tr><td>128</td><td>1,960</td><td>228</td><td>980</td></tr> <tr><td>119</td><td>320</td><td>219</td><td>160</td></tr> <tr><td>120</td><td>320</td><td>220</td><td>160</td></tr> <tr><td>121</td><td>280</td><td>221</td><td>140</td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td></tr> <tr><td>141</td><td>1,280</td><td>241</td><td>640</td></tr> <tr><td>142</td><td>1,280</td><td>242</td><td>640</td></tr> <tr><td>143</td><td>460</td><td>243</td><td>230</td></tr> <tr><td>144</td><td>620</td><td>244</td><td>310</td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180</td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td></tr> <tr><td>146</td><td>740</td><td>246</td><td>370</td></tr> <tr><td>149</td><td>740</td><td>249</td><td>370</td></tr> <tr><td>179</td><td>740</td><td>279</td><td>370</td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900</td></tr> <tr><td colspan="4">Other fee (specify) _____</td></tr> <tr><td colspan="3">*Reduced by Basic Filing Fee Paid</td><td>SUBTOTAL (3) (\$180)</td></tr> </tbody> </table>		Large Entity	Small Entity	Fee Description	Fee Paid	Fee Code	Fee Code	Fee Code	Fee	105	130	205	65	127	50	227	25	139	130	139	130	147	2,520	147	2,520	112	920*	112	920*	113	1,840*	113	1,840*	115	110	215	55	116	400	216	200	117	920	217	460	118	1,440	218	720	128	1,960	228	980	119	320	219	160	120	320	220	160	121	280	221	140	138	1,510	138	1,510	140	110	240	55	141	1,280	241	640	142	1,280	242	640	143	460	243	230	144	620	244	310	122	130	122	130	123	50	123	50	126	180	126	180	581	40	581	40	146	740	246	370	149	740	249	370	179	740	279	370	169	900	169	900	Other fee (specify) _____				*Reduced by Basic Filing Fee Paid			SUBTOTAL (3) (\$180)
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SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Joe Liebeschuetz	Registration No. (Attorney/Agent)	37,505
Signature	<i>J. Liebeschuetz</i>		Date May 9, 2003

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PATENT
Attorney Docket No.: 018547-030530US
Client Reference No.: 3047

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Chee, M.

Application No.: 09/381,480

Filed: September 16, 1999

For: ITERATIVE RESEQUENCING

Group Director: 1634

Examiner: Chakrabarti, A.

Art Unit: 1634

**SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT UNDER 37
CFR §1.97 and §1.98**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A are being called to the attention of the Examiner. Copies of the references are enclosed. Also enclosed is a copy of the Supplementary European Search report corresponding to the European application. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information, and no inference should be made that the information and references cited are, or are considered to be material to patentability because they are in this statement. No inference should be made that the information and references cited are prior art merely because they are in this statement.

This IDS is being filed on or before payment of the issue fee.

CERTIFICATION

I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

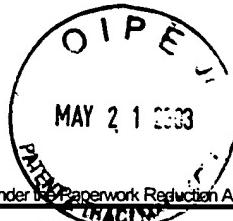
Please charge the IDS fee of \$180 to Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



Joe Liebeschuetz
Reg. No. 37,505

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
Tel: 650-326-2400
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JOL:crf
PA 3306081 v1



MAY 21 2003

PTO/SB/08A (04-03)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
Page	1	of	1	Application Number	09/381,480
				Filing Date	September 16, 1999
				First Named Inventor	Chee, Mark
				Art Unit	1634
				Examiner Name	Chakrabarti, A.
				Attorney Docket Number	018547-030530US

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
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¹ Applicant's unique citation designation number (**optional**). ² Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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European Patent
Office

SUPPLEMENTARY
EUROPEAN SEARCH REPORT

Application Number
EP 98 91 1860

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
E	WO 99 39004 A (COLLINS FRANCIS S ;CHEE MARK (US); EDGEMON KEITH (US); US HEALTH () 5 August 1999 (1999-08-05) * the whole document *	1-15	C12Q1/68
Y	WO 95 11995 A (AFFYMAX TECH NV ;FODOR STEPHEN P A (US); GINGERAS THOMAS R (US); L) 4 May 1995 (1995-05-04) * page 2, line 16 - page 9, line 11 *	1-15	
Y	EP 0 514 927 A (GILBERT WALTER) 25 November 1992 (1992-11-25) * the whole document *	1-15	
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
2			C12Q
Place of search Date of completion of the search Examiner			
THE HAGUE 7 April 2003 Osborne, H			
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.

EP 98 91 1860

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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07-04-2003

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WO 9939004	A	05-08-1999	WO	9939004 A1	05-08-1999
			EP	0972078 A1	19-01-2000
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			EP	0730663 A1	11-09-1996
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